

# AGENDA

## CABINET FOR HEALTH AND FAMILY SERVICES SECRETARY'S ADVISORY COMMITTEE ON TRANSPARENCY

December 8, 2008

- |   |                    |
|---|--------------------|
| I. Welcome  | Secretary Miller   |
| <ul style="list-style-type: none"><li>• Introduction of members</li><li>• Purpose of committee</li></ul>  |                    |
| II. Office of Health Policy Data Update   | Chandra Venettozzi |
| <ul style="list-style-type: none"><li>• Working with Ambulatory Surgical Centers, Free Standing Ambulatory Care Clinics, Mobile Health Service Providers and Specialized Medical Technology Service Providers, to submit data collection in 2009.</li><li>• Emergency Room Data collection.</li></ul> |                    |
| III. Current Status of Transparency Initiatives   | Carrie Banahan     |
| <ul style="list-style-type: none"><li>• Prevention quality indicators</li><li>• Inpatient quality indicators</li><li>• Hospital charge Information</li></ul>  |                    |
| IV. Future Transparency Initiatives   | Carrie Banahan     |
| <ul style="list-style-type: none"><li>• Open discussion with committee</li><li>• Recommendations</li></ul>  |                    |
| V. Data Advisory Subcommittee Report  | Carrie Banahan     |
| VI. Adjourn   |                    |

**Table 3****Availability of Drug Price Information and Range of Available Prices for Top 10 Drugs in Urban Market (Hialeah, Fla.)**

DRUG NAME AND STRENGTH <sup>1</sup>	PHARMACIES WITH MISSING PRICE DATA (OUT OF 70 PHARMACIES) <sup>2</sup>	MINIMUM PRICE AVAILABLE	MEDIAN PRICE AVAILABLE	MAXIMUM PRICE AVAILABLE	RANGE OF AVAILABLE PRICES: MINIMUM-MAXIMUM PRICE	RATIO OF AVAILABLE PRICES: MAXIMUM/MINIMUM
AMOXICILLIN (500MG) <sup>3</sup>	43	\$13.32	\$23.35	\$32.43	\$19.11	2.4
ATENOLOL (50MG)	19	7.95	25.79	42.22	34.27	5.3
HYDROCHLOROTHIAZIDE (25MG)	14	2.38	7.99	11.99	9.61	5.0
HYDROCODONE/ACETAMINOPHEN(500/5MG) <sup>4</sup>	70	N/A	N/A	N/A	N/A	N/A
LEVOTHYROXINE SODIUM (50MCG) <sup>5</sup>	55	10.99	13.26	17.20	6.21	1.6
LIPITOR (10MG)	36	81.75	93.99	131.66	49.91	1.6
LISINAPRIL (10MG)	20	5.10	31.27	82.50	77.40	16.2
SYNTHROID (50MCG)	42	18.23	21.76	27.99	9.76	1.5
TOPROL XL (25MG)	52	29.84	35.74	51.09	21.25	1.7
ZOLOFT (100MG)	42	59.90	100.00	187.64	127.74	3.1

Note: Price data were downloaded from *MyFloridaRx.com* in May 2007; according to *MyFloridaRx.com* these data were based upon usual and customary prices submitted with Medicaid pharmacy transactions during April 2007.

1. Drug prices pertain to a quantity of 30 pills unless otherwise indicated.

2. 70 pharmacies in Hialeah, Fla., submitted at least one Medicaid claim containing a usual and customary price during April 2007. The total number of retail pharmacies in the market may be greater than 70.

3. *My FloridaRx.com* did not report a price for amoxicillin 500mg twice daily for ten days (total of 40 pills); to estimate the price of that prescription, the price for amoxicillin 500mg 30 pills was multiplied by 4/3.

4. Hydrocodone/acetaminophen is excluded from the *MyFloridaRx.com* because the drug is considered to have a potential for abuse.

5. Price information includes Levoxyl and Levotheroid, which are alternatives to levothyroxine sodium.

Source: HSC analysis of *MyFloridaRx.com* Web site with supplemental information provided by state agency staff

suburban market—Leon County in the Tallahassee area—the problems with missing data were exacerbated. In this suburban market, containing 29 pharmacies within an approximate radius of 5 miles, all 10 of the most common drugs had missing data for more than half of the pharmacies; all but one drug had missing data for two-thirds or more of the pharmacies; and a few drugs had almost completely missing data (see Table 4). This problem apparently resulted from low numbers of Medicaid pharmacy transactions taking place in this suburban market, leading to very sparse price information.

In rural Putnam County—a market with 11 pharmacies within a radius of

approximately 15 miles from the county's center—missing price information for the Top 10 drugs was less of a problem than it was for suburban Leon County (see Table 5), because pharmacies in rural Putnam County saw greater concentrations of Medicaid pharmacy transactions. Still, the proportion of Putnam County pharmacies with missing price information was substantial, ranging from 18 percent to 100 percent across the Top 10 drugs. Compared to the urban Hialeah market, Putnam County had lower proportions of missing data for some Top 10 drugs. However, the much smaller number of pharmacies (11 vs. 70) spread over a substantially larger travel distance (15-mile vs. 2.5-mile radius)

likely makes missing price information a more serious impediment for would-be comparison shoppers in rural markets compared to urban settings.

#### *Price Availability and Web Site*

**Usability: Consumer Profiles.** In a separate assessment of price availability on *MyFloridaRx.com*, drug profiles were created to represent five consumers with a range of medical conditions and prescription drug needs (see Table 6). Consumers 1 and 2 need only one prescription each, while Consumers 3, 4 and 5 each need at least two drugs each for multiple health conditions. Consumer 1 has a one-time medication need to treat an acute condition, while the other four consumers have ongoing

<b>Infections due to medical care</b>	
<b>Age Group: Ages 18 years and older or those specifically defined by pregnancy</b>	
<b>Time Period: January 2007 through December 2007</b>	
<b>Facility / City</b>	<b>Complication / Infection Rate</b>
<b>STATEWIDE</b>	<b>0.27%</b>
<b>All Children's Hospital 100250 Saint Petersburg</b>	As Expected 0.37%
<b>Anne Bates Leach Eye Hospital 100240 Miami</b>	As Expected 0.0%
<b>Arnold Palmer Medical Center 120001 Orlando</b>	As Expected 0.38%
<b>Aventura Hospital and Medical Center 100131 Aventura</b>	Lower than Expected 0.14%
<b>Baptist Hospital 100093 Pensacola</b>	As Expected 0.27%
<b>Baptist Hospital of Miami 100008 Miami</b>	Lower than Expected 0.21%
<b>Baptist Medical Center - Beaches 100117 Jacksonville Beach</b>	Lower than Expected 0.05%
<b>Baptist Medical Center - Nassau 100140 Fernandina Beach</b>	As Expected 0.08%
<b>Baptist Medical Center 100088 Jacksonville</b>	As Expected 0.3%
<b>Baptist Medical Center South 23960052 Jacksonville</b>	As Expected 0.27%
<b>Bartow Regional Medical Center 100121 Bartow</b>	As Expected 0.19%
<b>Bay Medical Center 100026 Panama City</b>	Higher than Expected

Also does Iatrogenic pneumothorax & postoperative sepsis

	0.51%
<b>Bayfront Medical Center 100032</b> <b>Saint Petersburg</b>	Higher than Expected 0.41%
<b>Bert Fish Medical Center 100014</b> <b>New Smyrna Beach</b>	As Expected 0.35%
<b>Bethesda Memorial Hospital 100002</b> <b>Boynton Beach</b>	Higher than Expected 0.5%
<b>Blake Medical Center 100213</b> <b>Bradenton</b>	As Expected 0.29%
<b>Boca Raton Community Hospital 100168</b> <b>Boca Raton</b>	Higher than Expected 0.48%
<b>Brandon Regional Hospital 100243</b> <b>Brandon</b>	As Expected 0.33%
<b>Brooksville Regional Hospital 100071</b> <b>Brooksville</b>	Lower than Expected 0.14%
<b>Broward General Medical Center 100039</b> <b>Fort Lauderdale</b>	As Expected 0.3%
<b>Calhoun - Liberty Hospital 100112</b> <b>Blountstown</b>	As Expected 0.31%
<b>Campbellton - Graceville Hospital 100138</b> <b>Graceville</b>	As Expected 0.0%
<b>Cape Canaveral Hospital 100177</b> <b>Cocoa Beach</b>	Lower than Expected 0.08%
<b>Cape Coral Hospital 100244</b> <b>Cape Coral</b>	As Expected 0.17%
<b>Capital Regional Medical Center 100254</b> <b>Tallahassee</b>	As Expected 0.18%
<b>Central Florida Regional Hospital 100161</b> <b>Sanford</b>	As Expected 0.25%

<b>Charlotte Regional Medical Center 100047</b> <b>Punta Gorda</b>	As Expected 0.3%
<b>Citrus Memorial Hospital 100023</b> <b>Inverness</b>	Lower than Expected 0.14%
<b>Cleveland Clinic 100056</b> <b>Weston</b>	As Expected 0.34%
<b>Columbia Hospital 100234</b> <b>West Palm Beach</b>	As Expected 0.19%
<b>Community Hospital 100191</b> <b>New Port Richey</b>	As Expected 0.26%
<b>Coral Gables Hospital 100183</b> <b>Coral Gables</b>	Lower than Expected 0.02%
<b>Coral Springs Medical Center 110019</b> <b>Coral Springs</b>	As Expected 0.27%
<b>Delray Medical Center 100258</b> <b>Delray Beach</b>	Higher than Expected 0.46%
<b>Depoo Hospital 100150</b> <b>Key West</b>	As Expected 0.0%
<b>Desoto Memorial Hospital 100175</b> <b>Arcadia</b>	As Expected 0.0%
<b>Doctors Hospital 100020</b> <b>Coral Gables</b>	As Expected 0.26%
<b>Doctors Hospital of Sarasota 100166</b> <b>Sarasota</b>	As Expected 0.25%
<b>Doctors Memorial Hospital 100078</b> <b>Bonifay</b>	As Expected 0.0%
<b>Doctors' Memorial Hospital 100106</b> <b>Perry</b>	Lower than Expected 0.0%
<b>Douglas Gardens Hospital 100197</b> <b>Miami</b>	As Expected 0.39%

<b>Dr. P. Phillips Hospital 120002</b> <b>Orlando</b>	As Expected 0.23%
<b>ED Fraser Memorial Hospital 100134</b> <b>Macclenny</b>	As Expected 0.0%
<b>Edward White Hospital 100239</b> <b>Saint Petersburg</b>	As Expected 0.38%
<b>Englewood Community Hospital 110004</b> <b>Englewood</b>	As Expected 0.28%
<b>Fawcett Memorial Hospital 100236</b> <b>Port Charlotte</b>	As Expected 0.22%
<b>Fishermen's Hospital 100024</b> <b>Marathon</b>	As Expected 0.0%
<b>Flagler Hospital 100219</b> <b>Saint Augustine</b>	As Expected 0.17%
<b>Florida Hospital - Altamonte 120004</b> <b>Altamonte Springs</b>	Lower than Expected 0.18%
<b>Florida Hospital - Apopka 120003</b> <b>Apopka</b>	As Expected 0.06%
<b>Florida Hospital - Celebration Health 23960017</b> <b>Celebration</b>	As Expected 0.17%
<b>Florida Hospital - Deland 100045</b> <b>Deland</b>	As Expected 0.21%
<b>Florida Hospital - East Orlando 100021</b> <b>Orlando</b>	As Expected 0.34%
<b>Florida Hospital - Fish Memorial 100072</b> <b>Orange City</b>	As Expected 0.18%
<b>Florida Hospital - Flagler 100118</b> <b>Palm Coast</b>	As Expected 0.15%
<b>Florida Hospital - Kissimmee 100089</b> <b>Kissimmee</b>	As Expected 0.11%
<b>Florida Hospital - Lake Placid 120013</b> <b>Lake Placid</b>	As Expected 0.3%
<b>Florida Hospital - Oceanside 100068</b>	

<b>Ormond Beach</b>	<b>X</b>
<b>Florida Hospital - Ormond Memorial 100169 Ormond Beach</b>	<b>As Expected 0.32%</b>
<b>Florida Hospital - Waterman 100057 Tavares</b>	<b>As Expected 0.18%</b>
<b>Florida Hospital - Wauchula 100282 Wauchula</b>	<b>As Expected 0.0%</b>
<b>Florida Hospital - Zephyrhills 100046 Zephyrhills</b>	<b>Lower than Expected 0.13%</b>
<b>Florida Hospital 100007 Orlando</b>	<b>Lower than Expected 0.19%</b>
<b>Florida Hospital Heartland Medical Center 100109 Sebring</b>	<b>As Expected 0.21%</b>
<b>Florida Medical Center 100210 Lauderdale Lakes</b>	<b>Lower than Expected 0.16%</b>
<b>Fort Walton Beach Medical Center 100223 Fort Walton Beach</b>	<b>As Expected 0.28%</b>
<b>George E. Weems Memorial Hospital 100153 Apalachicola</b>	<b>As Expected 0.0%</b>
<b>Glades General Hospital 100130 Belle Glade</b>	<b>As Expected 0.07%</b>
<b>Good Samaritan Medical Center 110403 West Palm Beach</b>	<b>Higher than Expected 0.43%</b>
<b>Gulf Breeze Hospital 110003 Gulf Breeze</b>	<b>As Expected 0.18%</b>
<b>Gulf Coast Hospital 111522 Fort Myers</b>	<b>As Expected 0.08%</b>
<b>Gulf Coast Medical Center 100242 Panama City</b>	<b>As Expected 0.31%</b>
<b>H. Lee Moffitt Cancer Center and Research Institute</b>	

<b>110009</b> <b>Tampa</b>	As Expected 0.12%
<b>Halifax Health Medical Center - Port Orange</b> <b>23960051</b> <b>Port Orange</b>	Higher than Expected 0.54%
<b>Halifax Health Medical Center 100017</b> <b>Daytona Beach</b>	Higher than Expected 0.42%
<b>Health Central 100030</b> <b>Ocoee</b>	Higher than Expected 0.39%
<b>Healthmark Regional Medical Center 100081</b> <b>Defuniak Springs</b>	As Expected 0.21%
<b>Healthpark Medical Center 120005</b> <b>Fort Myers</b>	As Expected 0.25%
<b>Heart of Florida Regional Medical Center 100137</b> <b>Davenport</b>	As Expected 0.15%
<b>Helen Ellis Memorial Hospital 100055</b> <b>Tarpon Springs</b>	As Expected 0.27%
<b>Hendry Regional Medical Center 100098</b> <b>Clewiston</b>	As Expected 0.1%
<b>Hialeah Hospital 100053</b> <b>Hialeah</b>	Lower than Expected 0.12%
<b>Highlands Regional Medical Center 100049</b> <b>Sebring</b>	Higher than Expected 0.62%
<b>Holmes Regional Medical Center 100019</b> <b>Melbourne</b>	As Expected 0.28%
<b>Holy Cross Hospital 100073</b> <b>Fort Lauderdale</b>	As Expected 0.22%
<b>Homestead Hospital 100125</b> <b>Homestead</b>	Lower than Expected 0.11%



<b>Imperial Point Medical Center 100200</b> <b>Fort Lauderdale</b>	As Expected 0.31%
<b>Indian River Medical Center 100105</b> <b>Vero Beach</b>	Lower than Expected 0.16%
<b>Jackson Hospital 100142</b> <b>Marianna</b>	As Expected 0.13%
<b>Jackson Memorial Hospital 100022</b> <b>Miami</b>	Higher than Expected 0.54%
<b>Jackson North Medical Center 100114</b> <b>North Miami Beach</b>	As Expected 0.26%
<b>Jackson South Community Hospital 100208</b> <b>Miami</b>	As Expected 0.22%
<b>Jay Hospital 100048</b> <b>Jay</b>	As Expected 0.0%
<b>JFK Medical Center 100080</b> <b>Atlantis</b>	Lower than Expected 0.18%
<b>Jupiter Medical Center 100253</b> <b>Jupiter</b>	As Expected 0.18%
<b>Kendall Regional Medical Center 100209</b> <b>Miami</b>	Lower than Expected 0.16%
<b>Lake Butler Hospital Hand Surgery Center 100241</b> <b>Lake Butler</b>	As Expected 0.0%
<b>Lake City Medical Center 100156</b> <b>Lake City</b>	As Expected 0.13%
<b>Lake Wales Medical Center 100099</b> <b>Lake Wales</b>	Lower than Expected 0.07%
<b>Lakeland Regional Medical Center 100157</b> <b>Lakeland</b>	Higher than Expected 0.43%

<b>Lakewood Ranch Medical Center 23960046</b> <b>Bradenton</b>	Lower than Expected 0.06%
<b>Largo Medical Center 100248</b> <b>Largo</b>	Higher than Expected 0.53%
<b>Larkin Community Hospital 100181</b> <b>South Miami</b>	As Expected 0.24%
<b>Lawnwood Regional Medical Center and Heart Institute 100246</b> <b>Fort Pierce</b>	As Expected 0.28%
<b>Lee Memorial Hospital 100012</b> <b>Fort Myers</b>	As Expected 0.33%
<b>Leesburg Regional Medical Center 100084</b> <b>Leesburg</b>	As Expected 0.3%
<b>Lehigh Regional Medical Center 100107</b> <b>Lehigh Acres</b>	As Expected 0.18%
<b>Lower Keys Medical Center 100195</b> <b>Key West</b>	As Expected 0.14%
<b>Madison County Memorial Hospital 100004</b> <b>Madison</b>	As Expected 0.0%
<b>Manatee Memorial Hospital 100035</b> <b>Bradenton</b>	As Expected 0.27%
<b>Mariners Hospital 100160</b> <b>Tavernier</b>	As Expected 0.0%
<b>Martin Memorial Hospital - South 120009</b> <b>Stuart</b>	As Expected 0.16%
<b>Martin Memorial Medical Center 100044</b> <b>Stuart</b>	As Expected 0.2%
<b>Mayo Clinic 100151</b> <b>Jacksonville</b>	As Expected 0.21%
<b>Mease Countryside Hospital 110001</b> <b>Safety Harbor</b>	As Expected 0.25%
<b>Mease Dunedin Hospital 100043</b>	As Expected

<b>Dunedin</b>	0.18%
<b>Memorial Hospital - Jacksonville 100179 Jacksonville</b>	As Expected 0.27%
<b>Memorial Hospital - Miramar 23960050 Miramar</b>	As Expected 0.23%
<b>Memorial Hospital - Pembroke 100230 Pembroke Pines</b>	Higher than Expected 0.4%
<b>Memorial Hospital - West 111527 Pembroke Pines</b>	As Expected 0.27%
<b>Memorial Hospital of Tampa 100206 Tampa</b>	Higher than Expected 0.45%
<b>Memorial Regional Hospital - South 100225 Hollywood</b>	As Expected 0.27%
<b>Memorial Regional Hospital 100038 Hollywood</b>	As Expected 0.25%
<b>Mercy Hospital 100061 Miami</b>	As Expected 0.31%
<b>Metropolitan Hospital of Miami 100076 Miami</b>	Lower than Expected 0.0%
<b>Miami Children's Hospital 110199 Miami</b>	As Expected 0.0%
<b>Morton Plant Hospital 100127 Clearwater</b>	As Expected 0.21%
<b>Morton Plant North Bay Hospital 100063 New Port Richey</b>	As Expected 0.25%
<b>Mount Sinai Medical Center 100034 Miami Beach</b>	Higher than Expected 0.5%
<b>Munroe Regional Medical Center 100062 Ocala</b>	Lower than Expected 0.11%

<b>Naples Community Hospital 100018</b> <b>Naples</b>	As Expected 0.24%
<b>Nature Coast Regional Hospital 100139</b> <b>Williston</b>	As Expected 0.0%
<b>North Broward Medical Center 100086</b> <b>Pompano Beach</b>	Higher than Expected 0.46%
<b>North Florida Regional Medical Center 100204</b> <b>Gainesville</b>	As Expected 0.23%
<b>North Naples Hospital 120006</b> <b>Naples</b>	As Expected 0.37%
<b>North Okaloosa Medical Center 100122</b> <b>Crestview</b>	Lower than Expected 0.06%
<b>North Ridge Medical Center 100237</b> <b>Fort Lauderdale</b>	As Expected 0.23%
<b>North Shore Medical Center 100029</b> <b>Miami</b>	Higher than Expected 0.59%
<b>Northside Hospital 100238</b> <b>Saint Petersburg</b>	Higher than Expected 0.41%
<b>Northwest Florida Community Hospital 100147</b> <b>Chipley</b>	As Expected 0.0%
<b>Northwest Medical Center 100189</b> <b>Margate</b>	As Expected 0.25%
<b>Oak Hill Hospital 100264</b> <b>Brooksville</b>	Lower than Expected 0.14%
<b>Ocala Regional Medical Center 100212</b> <b>Ocala</b>	Lower than Expected 0.07%
<b>Orange Park Medical Center 100226</b> <b>Orange Park</b>	Higher than Expected 0.39%

<b>Orlando Regional Lucerne Hospital 100221</b> <b>Orlando</b>	Higher than Expected 0.44%
<b>Orlando Regional Medical Center 100006</b> <b>Orlando</b>	As Expected 0.21%
<b>Orlando Regional South Seminole Hospital 100263</b> <b>Longwood</b>	As Expected 0.27%
<b>Osceola Regional Medical Center 100110</b> <b>Kissimmee</b>	Higher than Expected 0.38%
<b>Palm Bay Community Hospital 120007</b> <b>Melbourne</b>	As Expected 0.29%
<b>Palm Beach Gardens Medical Center 100176</b> <b>Palm Beach Gardens</b>	Higher than Expected 0.61%
<b>Palm Springs General Hospital 100050</b> <b>Hialeah</b>	As Expected 0.19%
<b>Palmetto General Hospital 100187</b> <b>Hialeah</b>	Lower than Expected 0.15%
<b>Palms of Pasadena Hospital 100126</b> <b>Saint Petersburg</b>	Higher than Expected 1.03%
<b>Palms West Hospital 110006</b> <b>Loxahatchee</b>	As Expected 0.17%
<b>Parrish Medical Center 100028</b> <b>Titusville</b>	As Expected 0.24%
<b>Pasco Regional Medical Center 100211</b> <b>Dade City</b>	Lower than Expected 0.07%
<b>Peace River Regional Medical Center 100077</b> <b>Port Charlotte</b>	Lower than Expected 0.14%
<b>Physicians Regional Medical Center - Collier</b> <b>Boulevard 23960057</b>	As Expected

<b>Naples</b>	0.33%
<b>Physicians Regional Medical Center - Pine Ridge 23960025 Naples</b>	As Expected 0.25%
<b>Plantation General Hospital 100167 Plantation</b>	As Expected 0.27%
<b>Putnam Community Medical Center 100232 Palatka</b>	Lower than Expected 0.02%
<b>Raulerson Hospital 100252 Okeechobee</b>	Lower than Expected 0.1%
<b>Regency Medical Center 120010 Winter Haven</b>	As Expected 0.0%
<b>Regional Medical Center - Bayonet Point 100256 Hudson</b>	Higher than Expected 0.46%
<b>Sacred Heart Hospital 100025 Pensacola</b>	As Expected 0.22%
<b>Sacred Heart Hospital on the Emerald Coast 23960041 Miramar Beach</b>	Lower than Expected 0.0%
<b>Saint Anthony's Hospital 100067 Saint Petersburg</b>	As Expected 0.2%
<b>Saint Cloud Regional Medical Center 100074 Saint Cloud</b>	As Expected 0.15%
<b>Saint Joseph's Hospital 100075 Tampa</b>	As Expected 0.27%
<b>Saint Lucie Medical Center 100260 Port Saint Lucie</b>	As Expected 0.21%
<b>Saint Mary's Medical Center 100010 West Palm Beach</b>	As Expected 0.36%
<b>Saint Petersburg General Hospital 100180 Saint Petersburg</b>	Higher than Expected

	0.54%
<b>Saint Vincent's Medical Center 100040</b> <b>Jacksonville</b>	Lower than Expected 0.1%
<b>Santa Rosa Medical Center 100124</b> <b>Milton</b>	As Expected 0.12%
<b>Sarasota Memorial Hospital 100087</b> <b>Sarasota</b>	Higher than Expected 0.36%
<b>Sebastian River Medical Center 100217</b> <b>Sebastian</b>	As Expected 0.28%
<b>Seven Rivers Regional Medical Center 100249</b> <b>Crystal River</b>	Lower than Expected 0.09%
<b>Shands at AGH 100082</b> <b>Gainesville</b>	As Expected 0.28%
<b>Shands at Lake Shore 100102</b> <b>Lake City</b>	Lower than Expected 0.04%
<b>Shands at Live Oak 100146</b> <b>Live Oak</b>	As Expected 0.0%
<b>Shands at Starke 100103</b> <b>Starke</b>	As Expected 0.0%
<b>Shands Hospital at the University of Florida 100113</b> <b>Gainesville</b>	Higher than Expected 0.7%
<b>Shands Jacksonville Medical Center 100001</b> <b>Jacksonville</b>	As Expected 0.27%
<b>South Bay Hospital 100259</b> <b>Sun City Center</b>	As Expected 0.17%
<b>South Florida Baptist Hospital 100132</b> <b>Plant City</b>	As Expected 0.25%
<b>South Lake Hospital 100051</b> <b>Clermont</b>	As Expected 0.3%

<b>South Miami Hospital 100154</b> <b>South Miami</b>	As Expected 0.23%
<b>Southwest Florida Regional Medical Center 100220</b> <b>Fort Myers</b>	As Expected 0.21%
<b>Spring Hill Regional Hospital 111525</b> <b>Spring Hill</b>	Lower than Expected 0.07%
<b>Sun Coast Hospital 100015</b> <b>Largo</b>	As Expected 0.17%
<b>Tallahassee Memorial Hospital 100135</b> <b>Tallahassee</b>	As Expected 0.23%
<b>Tampa General Hospital 100128</b> <b>Tampa</b>	As Expected 0.27%
<b>The Villages Regional Hospital 23960032</b> <b>The Villages</b>	As Expected 0.32%
<b>Town and Country Hospital 100255</b> <b>Tampa</b>	Lower than Expected 0.11%
<b>Trinity Community Hospital 100108</b> <b>Jasper</b>	As Expected 0.0%
<b>Twin Cities Hospital 100054</b> <b>Niceville</b>	As Expected 0.07%
<b>University Community Hospital 100173</b> <b>Tampa</b>	As Expected 0.21%
<b>University Community Hospital at Carrollwood 100069</b> <b>Tampa</b>	As Expected 0.23%
<b>University Hospital and Medical Center 100224</b> <b>Tamarac</b>	Higher than Expected 0.58%
<b>University of Miami Hospital 100009</b> <b>Miami</b>	As Expected 0.28%
<b>University of Miami Hospital and Clinics 100079</b> <b>Miami</b>	As Expected 0.31%



<b>Venice Regional Medical Center 100070</b> <b>Venice</b>	As Expected 0.21%
<b>Wellington Regional Medical Center 110010</b> <b>Wellington</b>	As Expected 0.3%
<b>West Boca Medical Center 110008</b> <b>Boca Raton</b>	As Expected 0.36%
<b>West Florida Hospital 100231</b> <b>Pensacola</b>	As Expected 0.18%
<b>West Marion Community Hospital 23960039</b> <b>Ocala</b>	Lower than Expected 0.09%
<b>Westchester General Hospital 100165</b> <b>Miami</b>	Lower than Expected 0.0%
<b>Westside Regional Medical Center 100228</b> <b>Plantation</b>	As Expected 0.24%
<b>Winter Haven Hospital 100052</b> <b>Winter Haven</b>	Higher than Expected 0.37%
<b>Winter Park Memorial Hospital 100162</b> <b>Winter Park</b>	As Expected 0.24%
<b>Wuesthoff Medical Center - Melbourne 23960034</b> <b>Melbourne</b>	As Expected 0.3%
<b>Wuesthoff Medical Center - Rockledge 100092</b> <b>Rockledge</b>	Lower than Expected 0.14%

**All copyrights in and to 3M™ APR™ DRGs Classification System and 3M by 3M. All rights reserved.**

Disclaimer: Please note the risk adjusted quality measures do not include on Admission (POA) indicator. The POA indicator identifies instances in admission (i.e. pre-existing condition) and those that occur during the hospital stay. The POA indicator enables conditions present on admission to be identified and excluded appropriately. The extent to which the POA indicator will affect the measures is unknown at this time, however the indicator will be utilized at a later date when POA data is available.

### What the Complication/Infection rate means:

The percentage rates reported on this page reflect each hospital's unique population, and should not be compared between hospitals. Instead, it is strongly recommended consumers compare each hospital on the basis of whether their rates are "as expected", "lower than expected", or "higher than expected".

The percentage rate is:

- Lower than Expected - Fewer complications/infections than expected given how sick patients are
  - As Expected - Expected number of complications/infections given how sick patients are
  - Higher than Expected - More complications/infections than expected given how sick patients are
- 'X' is less than 30 cases, 'Too few cases' is less than 5 cases.

Source: The results shown are posted as reported and certified by health care accreditation organizations (AHCA), Florida Center for Health Information and Policy of July 29, 2008. See Data Disclaimer.

[Click to save data to Microsoft EXCEL.](#)

## Patient Safety Indicators

In response to the increase need to measure patient safety, the Agency for Healthcare Research and Quality (AHRQ) developed a set of Patient Safety Indicators (PSIs), which are specifically designed for screening administrative data for incidences of concern related to patient safety. Although there are reported limitations to the Patient Safety Indicators, states and hospitals continue to use the data sets to benchmark quality improvements.

While these data are relatively inexpensive, convenient to use, and represent a rich data source, the disadvantages should also be considered when evaluating quality of health care. At least three limitations of administrative data warrant caution:

- *Coding differences* make “fair” comparisons across hospitals difficult.
- *Ambiguity about when a condition occurs.* Most administrative data cannot distinguish whether a specific condition was present at admission or whether it occurred during the stay.
- *Limitations of ICD-9-CM coding.* The codes themselves are often not specific enough to adequately characterize a patient’s condition, which makes it impossible to perfectly risk adjust any administrative data set, making fair comparisons across hospitals difficult.

Tennessee Hospital Association has worked with their membership to provide hospital specific PSI rate comparison reports that assist hospitals with their internal quality improvement activities. Hospitals then conduct extensive chart reviews to compare the actual clinical findings with the rates and cases identified from the Patient Safety Indicator software.

### Patient Safety Indicators and Tennessee Hospitals:

In a non-adversarial relationship, providers and regulators work together to reduce or eliminate identified problems in the provision of care in hospitals. In Tennessee, the Unusual Incident Reporting System (URIS) is one cooperative response. Another is the use of the Hospital Discharge Data System (UB-92). Reported by each licensed hospital, this administrative information is collected and analyzed by providers and the Tennessee Department of Health. While not replete with details, the UB-92 data provide one empirical tool to evaluate hospitals and the care they provide.

Patient Safety Indicators (PSI) are a set of measures providing information on potential in-hospital complications and adverse events following surgeries, procedures, and childbirth and are derived from information reported on UB-92s. The PSIs were developed by the Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services after a comprehensive literature review, analysis of ICD-9-CM codes, reviewed by a clinician panel, implementation of risk adjustments, and empirical analyses.

In Appendix V, the twenty Patient Safety Indicators used in this section are defined. For each indicator, parameters are defined for a patient to be considered at risk of developing a specific problem. The population at risk is then further evaluated for the presence/absence of the indicator. The numbers of cases of a specific problem are calculated and rates per 1,000 patients at risk are calculated.

In Table 1, comparisons of national rates to Tennessee rates for the twenty PSIs are presented for two intervals. For the United States, estimates for the years 2000 and 2003 are shown; for Tennessee, the rates are three-year averages for 1999-2001 and 2002-2004. The mid-point of the interval corresponds to data points for the US.

First, for the country between 2000 and 2003, there were major declines in the estimated incidence rates for indicators "Postoperative Hip Fracture" (78% decrease), "Death in Low Mortality DRGs" (75% decrease), and "Obstetric Trauma - Vaginal Delivery without Instrument" (43% decrease). Increases were noted for "Postop Pulmonary Embolism or Deep Vein Thrombosis" (180% increase), "Postoperative Hemorrhage or Hematoma" (60% increase), "Accidental Puncture or Laceration" (45% increase), and the much-publicized category "Infection due to Medical Care" (40% increase).

Second, for Tennessee, as with the nation, large swings in the incidence rates for several PSIs were noted. Major rate increases were noted in: "Death in Low Mortality DRGs" (68% increase), "Postop Respiratory Failure" (37% increase), "Postop Physiologic and Metabolic Derangement" (19% increase), and "Infection due to Medical Care" (18% increase). Conversely, notable declines were observed in "Birth Trauma" (47% decrease), "Transfusion Reaction" (24% decrease), "Postoperative Wound Dehiscence" (13% decrease), and "Postoperative Hemorrhage or Hematoma" (12% decrease).

**Table 1. Number of Patient Safety Incidents per 1,000 Selected Discharges,  
Tennessee Short-Stay Hospitals 1999-2001, and 2002-2004, and the United States,  
2000 and 2003**

AHRQ Hospital-Level Patient Safety Indicators	Incidents per 1,000 Selected Patients			
	United States		Tennessee	
	2000	2003	1999-2001	2002-2004
Complications of Anesthesia	0.6	0.8	0.54	0.55
<b>Death in Low Mortality DRGs</b>	<b>2.44</b>	<b>0.6</b>	<b>0.73</b>	<b>1.22</b>
Decubitus Ulcer	23.9	22.7	22.30	22.57
Failure to Rescue	129.4	127.7	149.23	124.87
Foreign Body Left In During Procedure	0.07	0.08	0.08	0.08
Iatrogenic Pneumothorax	0.63	0.56	0.89	0.84
<b>Infection due to Medical Care</b>	<b>1.5</b>	<b>2.1</b>	<b>2.14</b>	<b>2.53</b>
<b>Postoperative Hip Fracture</b>	<b>1.26</b>	<b>0.28</b>	<b>0.93</b>	<b>0.93</b>
Postoperative Hemorrhage or Hematoma	1.33	2.12	1.95	1.71
Postop Physiologic and Metabolic Derangement	0.78	1.04	0.83	0.98
<b>Postop Respiratory Failure</b>	<b>9.3</b>	<b>9.3</b>	<b>4.63</b>	<b>6.36</b>
<b>Postop Pulmonary Embolism or Deep Vein Thrombosis</b>	<b>3.47</b>	<b>9.8</b>	<b>9.75</b>	<b>11.08</b>
<b>Postoperative Sepsis</b>	<b>11.8</b>	<b>10.9</b>	<b>12.32</b>	<b>14.13</b>
Postoperative Wound Dehiscence	1.95	2.00	2.43	2.12
Accidental Puncture or Laceration	2.45	3.55	3.07	3.28
Transfusion Reaction	0.005	0.005	0.007	0.006
Birth Trauma	5.61	5.5	10.31	5.48
<b>Obstetric Trauma - Vaginal Delivery with Instrument</b>	<b>218.6</b>	<b>191.0</b>	<b>203.65</b>	<b>222.34</b>
Obstetric Trauma - Vaginal Delivery without Instrument	80.8	46.3	96.88	95.35
Obstetric Trauma - Cesarean Delivery	5.6	4.3	5.88	6.23

Finally, comparing the U.S. (2003) to Tennessee (2002-2004) PSI rates shows that the Tennessee rate for Postoperative Hip Fracture is three times the national rate while rates for "Obstetric Trauma - Vaginal Delivery with Instrument" and "Death in Low Mortality DRGs" were twice the US rate. On a positive note, Tennessee rates were lower than the nation for eight of the twenty Patient Safety Indicators.

Presented in Table 2 are the number of patients (discharges) that experienced a PSI problem, by category, according to the UB-92 information relating to their hospital stay.

It is a safe assumption that the number of patients at risk for each problem was larger in 2004 than in 1999. However, for contiguous years, the number of patients at risk may rise or fall when moving from year to year. The point is that the number of discharges with a problem may not be a good tool for evaluation of trends.

**Table 2. Number of Reported Discharges from Tennessee Short-Stay Hospital with a Specific Patient Safety Problem, 1999-2004**

AHRQ Hospital-Level Patient Safety Indicators	1999	2000	2001	2002	2003	2004
Complications of Anesthesia	120	135	110	142	130	119
Death in Low Mortality DRGs	144	132	157	184	301	237
Decubitus Ulcer	4,808	4,921	5,510	5,673	5,981	4,542
Failure to Rescue	3,607	3,820	3,898	3,979	4,091	4,037
<b>Foreign Body Left In During Procedure</b>	<b>62</b>	<b>58</b>	<b>63</b>	<b>53</b>	<b>65</b>	<b>71</b>
Iatrogenic Pneumothorax	521	482	502	555	499	494
<b>Infection due to Medical Care</b>	<b>1,213</b>	<b>1,369</b>	<b>1,508</b>	<b>1,704</b>	<b>1,743</b>	<b>1,745</b>
<b>Postoperative Hip Fracture</b>	<b>120</b>	<b>130</b>	<b>112</b>	<b>149</b>	<b>104</b>	<b>121</b>
Postoperative Hemorrhage or Hematoma	371	410	390	346	371	351
Postop Physiologic and Metabolic Derangement	73	88	90	119	114	89
<b>Postop Respiratory Failure</b>	<b>315</b>	<b>379</b>	<b>401</b>	<b>491</b>	<b>546</b>	<b>571</b>
Postop Pulmonary Embolism or Deep Vein Thrombosis	1,790	1,913	2,122	2,263	2,395	2,233
Postoperative Sepsis	329	400	400	456	475	436
Postoperative Wound Dehiscence	117	106	118	93	90	121
Accidental Puncture or Laceration	1,846	1,920	2,082	2,286	2,240	2,227
Transfusion Reaction	8	1	7	6	5	2
Birth Trauma	946	662	760	520	578	157
Obstetric Trauma - Vaginal Delivery without Instrument	1,274	1,157	1,005	1,021	949	813
Obstetric Trauma - Vaginal Delivery with Instrument	5,185	5,085	5,165	4,856	5,065	4,893
Obstetric Trauma - Cesarean Delivery	140	106	116	105	140	195

Source: Tennessee Department of Health, Office of Policy, Planning and Assessment, Division of Health Statistics

Table 3 examines the incidence rate of PSIs by the number of licensed beds. Three groupings are presented: Less than 100 beds, 100-249 beds, and 250 beds or more. The PSI rates for the three year period 2002-2004 are presented below.

**Table 3. PSI Incidence Rates, Tennessee Short-Stay Hospitals, 2002-2004,  
According to Number of Licensed Beds**

AHRO Hospital-Level Patient Safety Indicators	Incidents per 1,000 Selected Patients			
	All Short-Stay Hospitals	Bed Size		
		Lt 100	100-249	250+
Complications of Anesthesia	0.6	0.5	0.7	0.5
Death in Low Mortality DRGs	1.2	1.8	1.1	1.2
Decubitus Ulcer	22.6	31.3	23.4	21.1
Failure to Rescue	124.9	76.5	115.2	134.6
Foreign Body Left In During Procedure	0.1	0.0	0.1	0.1
Iatrogenic Pneumothorax	0.8	0.3	0.6	1.1
Infection due to Medical Care	2.5	0.7	1.6	3.4
Postoperative Hip Fracture	0.9	1.6	1.4	0.8
Postoperative Hemorrhage or Hematoma	1.7	1.2	1.9	1.7
Postop Physiologic and Metabolic Derangement	1.0	0.5	0.7	1.1
Postop Respiratory Failure	6.4	3.1	5.6	6.9
Postop Pulmonary Embolism or Deep Vein Thrombosis	11.1	7.0	8.7	12.1
Postoperative Sepsis	14.1	12.1	16.3	13.8
Postoperative Wound Dehiscence	2.1	1.5	1.9	2.3
Accidental Puncture or Laceration	3.3	1.6	2.2	4.1
Transfusion Reaction	0.0	0.0	0.0	0.0
Birth Trauma	5.5	8.9	2.5	7.0
Obstetric Trauma - Vaginal Delivery with Instrument	222.3	257.8	184.6	244.1
Obstetric Trauma - Vaginal Delivery without Instrument	95.4	110.8	85.7	101.1
Obstetric Trauma - Cesarean Delivery	6.2	6.3	4.9	7.2

Sources: U.S. data, Agency for Healthcare Research and Quality Department of Health and Human Services. Tennessee data, Tennessee Department of Health.

The information in Table 3 is not risk-adjusted. Larger hospitals usually have a more complex case mix and, consequently, will have more opportunities to make a mistake. The raw data seem to support that hypothesis with the largest hospitals having the highest rates in ten of the twenty PSI categories.

Investigated in Table 4 is the variation of PSI rates across Tennessee Grand Divisions. Two time periods are examined, 1999-2001 and 2002-2004. Within each time period, the Division with the highest rate is highlighted.

**Table 4. Rate of Patient Safety Incidences per 1,000 Selected Discharges, Tennessee Short-Stay Hospitals, According to Tennessee Grand Divisions, Three-Year Averages, 1998-2000 and 2002-2004**

AHRQ Hospital-Level Patient Safety Indicators

Complications of Anesthesia  
 Death in Low Mortality DRGs  
 Decubitus Ulcer  
 Failure to Rescue  
 Foreign Body Left In During Procedure  
 Iatrogenic Pneumothorax  
 Infection due to Medical Care  
 Postoperative Hip Fracture  
 Postoperative Hemorrhage or Hematoma  
 Postop Physiologic and Metabolic Derangement  
 Postop Respiratory Failure  
 Postop Pulmonary Embolism or Deep Vein Thrombosis  
 Postoperative Sepsis  
 Postoperative Wound Dehiscence  
 Accidental Puncture or Laceration  
 Transfusion Reaction  
 Birth Trauma  
 Obstetric Trauma - Vaginal Delivery with Instrument  
 Obstetric Trauma - Vaginal Delivery without Instrument  
 Obstetric Trauma - Cesarean Delivery

Average 1998-2000		
East	Middle	West
0.5	0.8	0.3
0.8	0.5	0.8
21.3	21.3	24.5
144.6	131.9	173.0
0.1	0.1	0.1
0.9	0.8	1.1
2.0	1.6	3.1
1.1	0.8	0.8
2.1	1.9	1.8
0.7	0.6	1.6
5.0	3.8	5.5
9.8	7.8	12.1
9.2	9.1	23.0
2.8	1.8	2.6
3.5	3.1	2.5
0.008	0.008	0.005
19.8	4.1	6.5
213.6	192.8	207.5
106.4	71.9	114.5
7.3	5.1	5.2


Average 2002-2004		
East	Middle	West
0.6	0.7	0.4
1.3	1.1	1.3
23.0	21.3	23.4
121.1	112.1	143.1
0.1	0.1	0.1
0.9	0.7	0.9
2.2	1.9	4.0
0.9	0.9	0.9
1.7	1.8	1.6
0.9	0.8	1.7
7.8	5.0	5.8
11.5	8.9	13.4
12.8	10.6	24.5
2.6	1.7	1.9
3.5	3.3	2.8
0.004	0.007	0.005
9.1	4.4	2.4
220.2	204.6	256.2
101.3	78.9	107.8
6.1	5.9	6.8

Note: Highlighted region has the highest rate for the three-year period.



KIC < FastStats < Kansas Preventable Hospitalizations (AHRQ Quality Indicators) < Kansas Preventable Hospitalizations (AHRQ Quality Indicators) Standard Reports

Step 1: Select the indicator you would like to see

Choose a Report Type 

KANSAS

Export results to Excel 

## Patient Safety Indicators - Rates Risk Adjusted by Age and Sex

Description	2000	2001	2002	2003	2004	2005	2006
1 Complications of Anesthesia	0.5	0.6	0.4	0.6	0.5	0.7	0.6
2 Death in Low-Mortality DRGs	0.6	0.7	0.4	1.1	1.0	0.6	0.5
3 Decubitis Ulcer	15.6	15.5	14.9	16.3	13.6	17.6	20.2
4 Failure to Rescue	146.4	144.7	95.7	114.3	107.4	91.3	86.6
5 Foreign Body Left During Procedure	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6 Iatrogenic Pneumothorax	0.6	0.6	0.5	0.6	0.5	0.4	0.6
7 Selected Infections Due to Medical Care	1.3	1.3	0.7	0.7	0.6	0.8	1.2
8 Postoperative Hip Fracture	1.1	0.3	0.0	0.0	0.0	0.0	0.7
9 Postoperative Hemorrhage or Hematoma	2.6	2.5	2.2	1.9	2.0	2.3	2.3
10 Postoperative Physiologic and Metabolic Derangement	1.1	1.2	1.1	1.0	0.8	1.0	1.0
11 Postoperative Respiratory Failure	2.9	3.8	3.9	3.6	3.9	4.9	3.4
12 Postoperative Pulmonary Embolism or Deep Vein Thrombosis	7.1	7.9	5.7	5.8	5.7	3.6	4.0
13 Postoperative Sepsis	9.9	8.7	9.6	8.6	10.6	9.5	11.0
14 Postoperative Wound Dehiscence	2.9	2.4	2.4	2.8	2.2	2.7	2.1
15 Accidental Puncture or Laceration	3.1	3.3	3.5	3.3	3.4	3.9	3.9
16 Transfusion Reaction	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17 Birth Trauma - Injury to Neonate	3.4	3.1	3.6	3.1	1.4	1.6	1.7
18 Obstetric Trauma - Vaginal Delivery with Instrument	300.0	289.2	305.6	301.4	329.3	326.0	306.2
19 Obstetric Trauma - Vaginal Delivery without Instrument	144.9	130.6	125.2	134.0	121.9	121.0	121.7
20 Obstetric Trauma - Cesarean Delivery	6.2	6.4	4.8	6.0	4.8	6.1	5.1
21 Foreign Body Left During Procedure	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22 Iatrogenic Pneumothorax	6.6	7.1	7.8	8.9	8.0	6.7	6.8
23 Selected Infections Due to Medical Care	21.9	25.2	24.3	27.2	29.0	27.6	28.8

Data Source: From Kansas Hospital Association Data Years 2000-2006

### Denominators

Indicator 1 = Per 1,000 surgery discharges

Indicator 2 = Per 1,000 patients in DRGs with less than 0.5% mortality

Indicator 3 = Per 1,000 discharges with length of stay > 4 days

Indicator 4 = Deaths per 1,000 patients who developed complications of care

Indicators 5, 6, 7 = Per 1,000 discharges

Indicator 8 = Cases of in-hospital hip fracture per 1,000 surgical discharges

Indicator 9 = Cases requiring a procedure per 1,000 surgical discharges

Indicators 10, 11 = Per 1,000 elective surgical discharges

Indicator 12 = Per 1,000 surgical discharges

Indicator 13 = Per 1,000 elective surgery patients with length of stay > 3 days

Indicator 14 = Per 1,000 cases of abdominopelvic surgery discharges

Indicators 15, 16 = Per 1,000 discharges

Indicator 17 = Per 1,000 liveborn births

Indicator 18 = Per 1,000 instrument-assisted vaginal deliveries

Indicator 19 = Per 1,000 vaginal deliveries without instrument assistance

Indicator 20 = Per 1,000 Cesarean deliveries

Indicators 21, 22, 23, 24, 25, 26 = Per 100,000 population

N/A = Data do not meet the criteria for statistical reliability or confidentiality.

Note: Rates calculated by use of the Patient Safety Indicator software Version 3.0, provided by the Agency for Healthcare Research and Quality at [www.qualityindicators.ahrq.gov/](http://www.qualityindicators.ahrq.gov/)

Results generated at 10/10/2008 2:20:24 PM